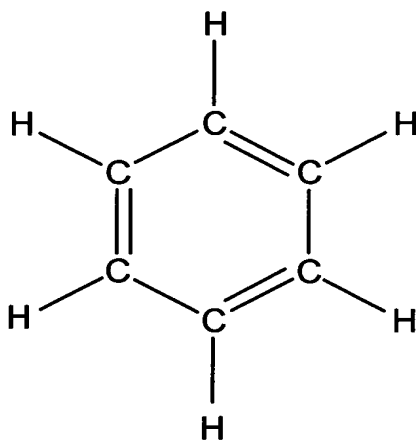




REPLACEMENT DRAWINGS  
Serial No. 09/502,810  
Filing Date: February 11, 2000  
Inventor(s): Brecher

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**FIG. 1**  
PRIOR ART

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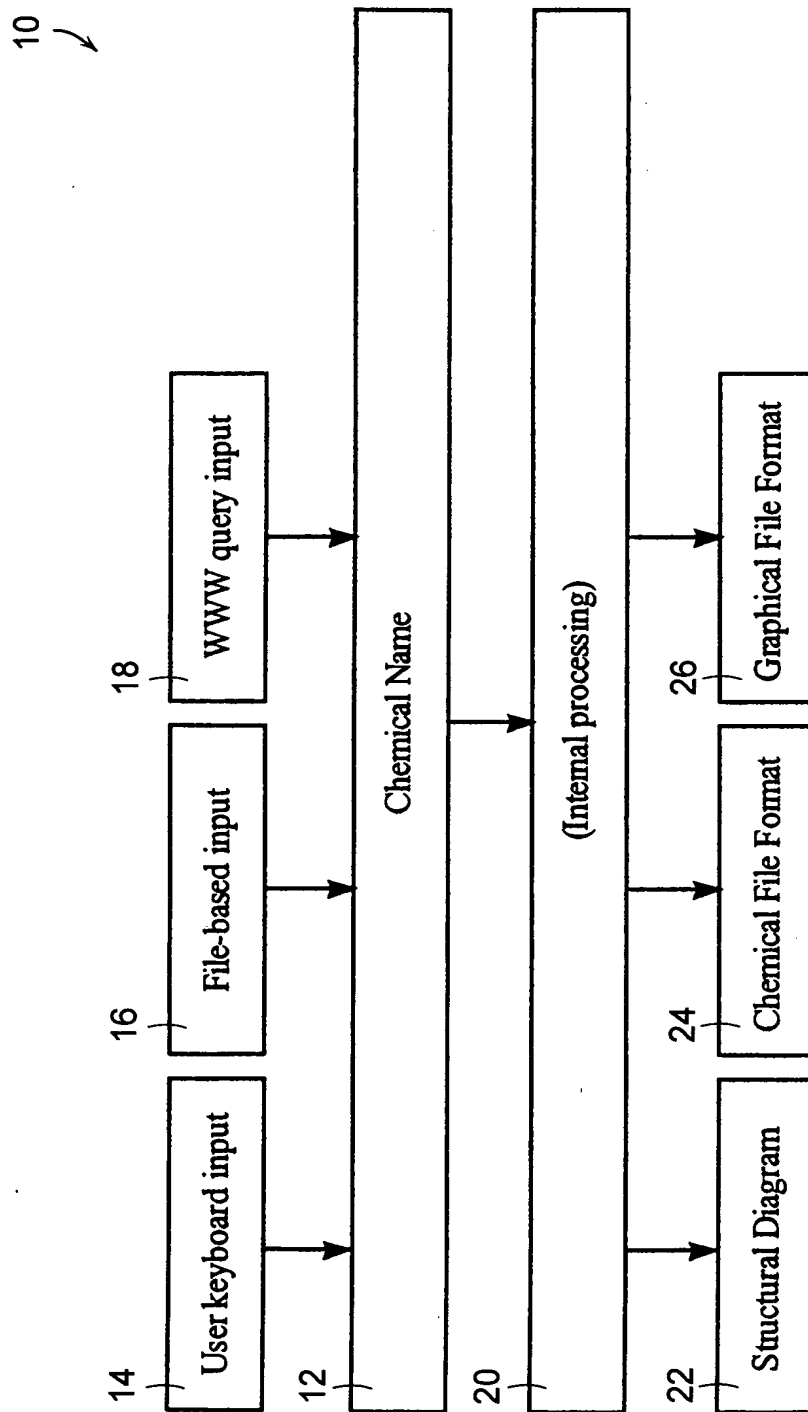
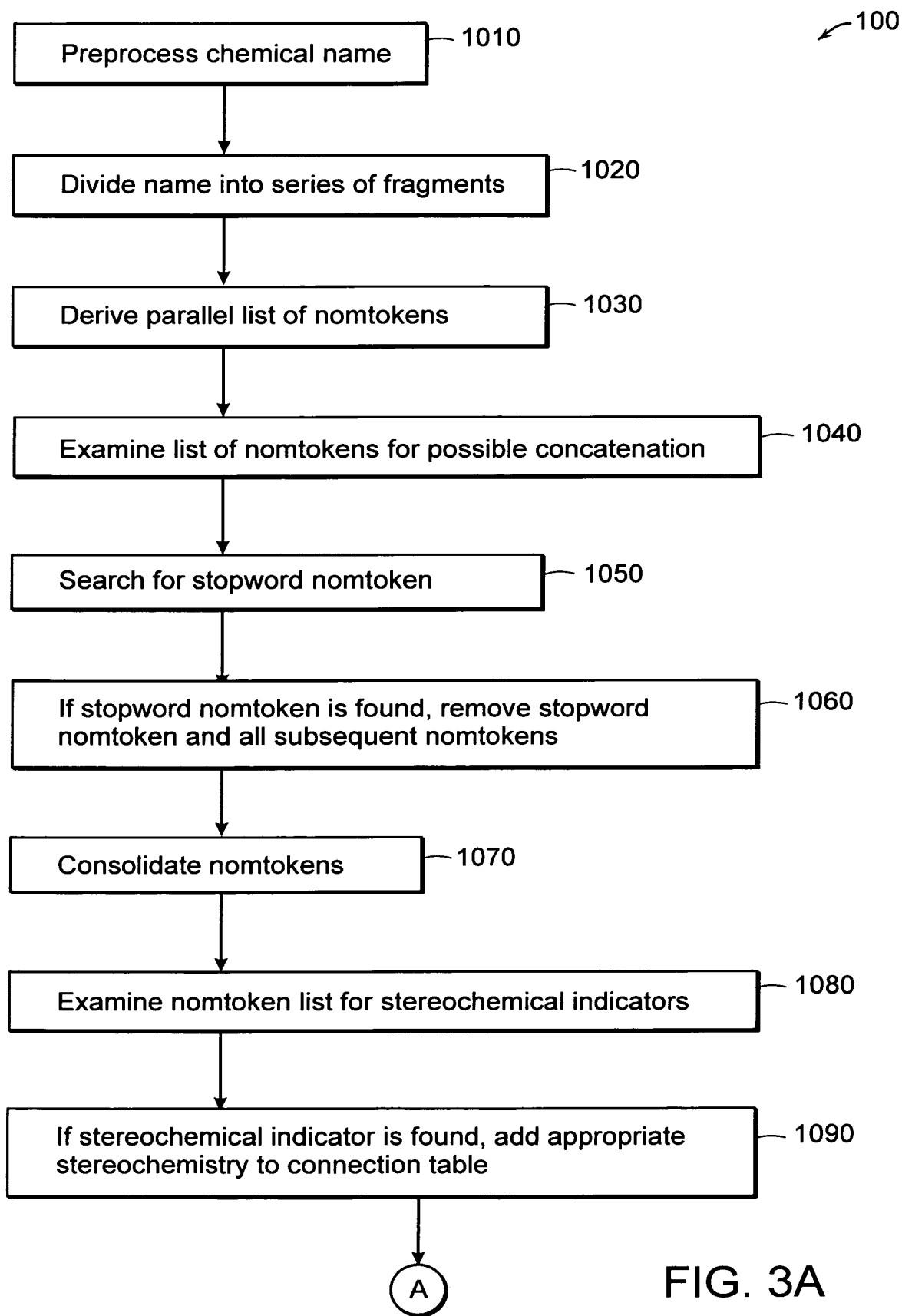


FIG. 2

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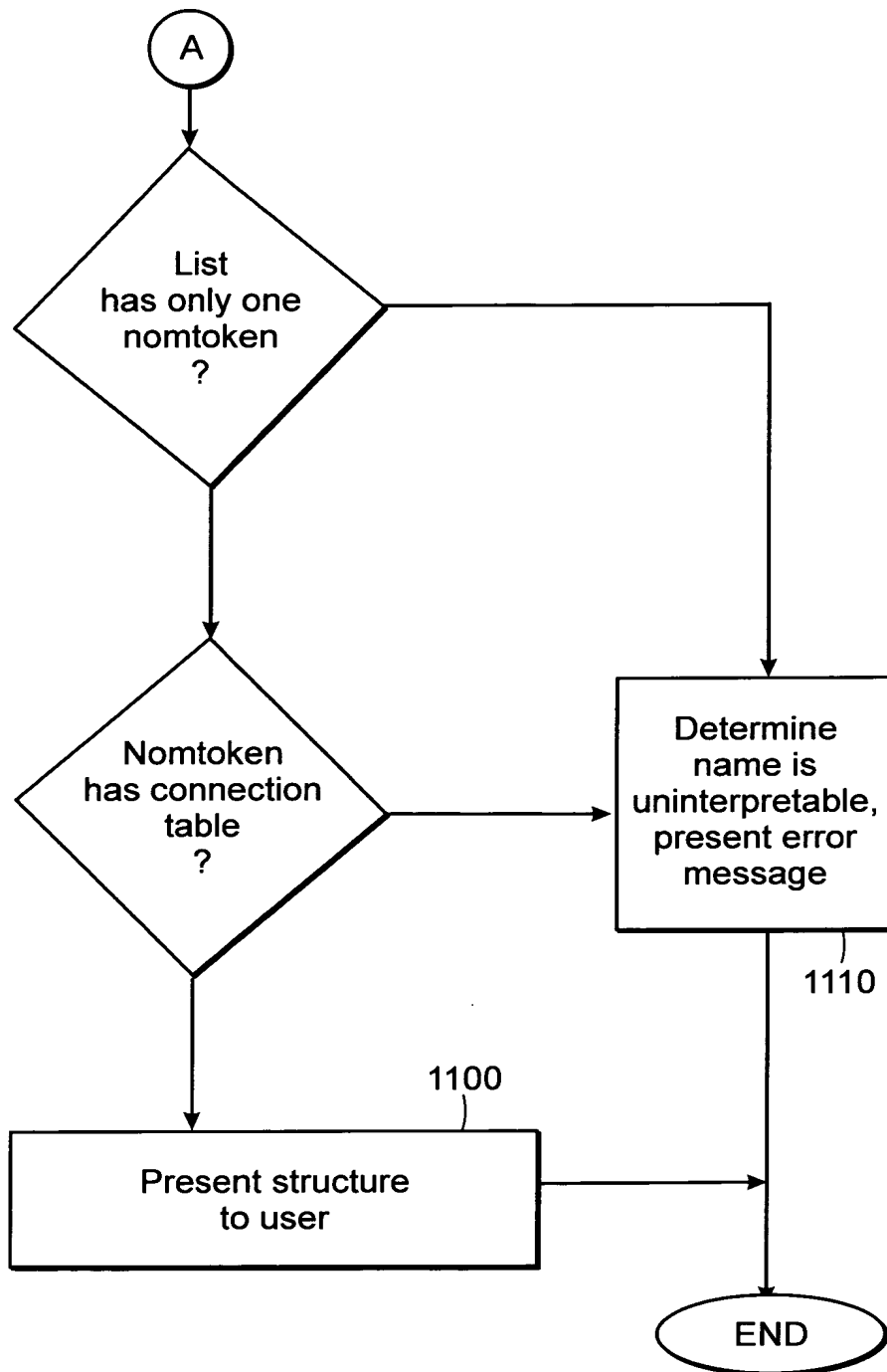


FIG. 3B

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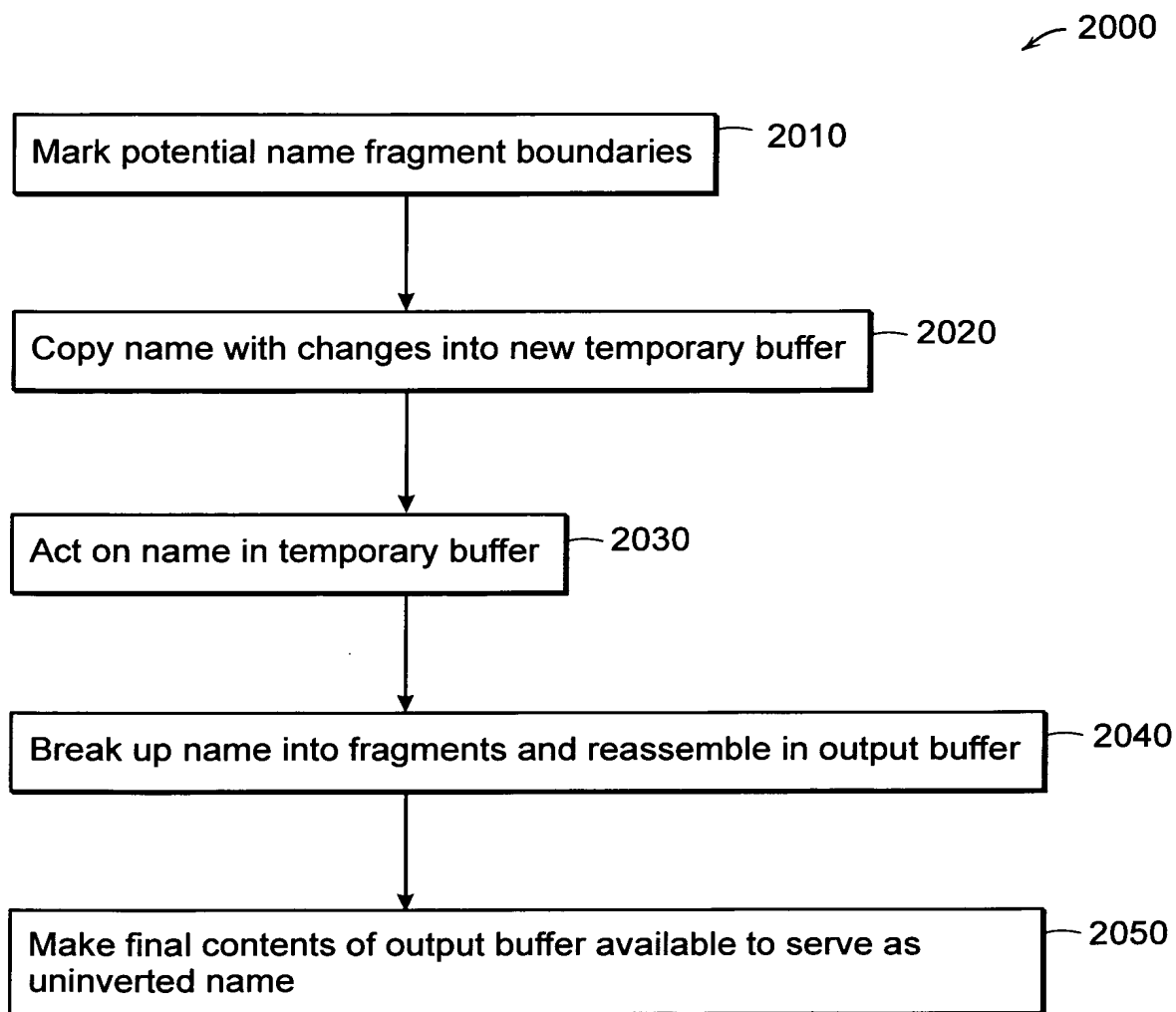


FIG. 4

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Table 1: Strings that cannot terminate fragments to be  
prepending

"dry"
"ed"
"ide"
"ing"
"mm"
"one"
"rod"

FIG. 5A

Table 2: Strings that cannot initiate fragments to be  
prepending (note that some strings include a space character)

"in "
"ion"
"low "

FIG. 5B

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Table 3: Strings that cannot appear anywhere in fragments to be prepended (note that some strings include one or more space characters)

" and "	"grade"	"radical"
" in "	"granul"	"random"
" ion"	"grease"	"reagent"
"&"	"grit"	"reduc"
"/"	"hbr"	"regular"
"7ci"	"hcl"	"remainder"
"8ci"	"heavy"	"ribbon"
"9ci"	"hydrin"	"rods"
"10ci"	"hydrous"	"salt"
"aas"	"ide "	"scale"
"absolute"	"imine"	"shot"
"acid"	"ing"	"slug"
"acs"	"inhibit"	"soluble"
"aerosol"	"isotop"	"solution"
"amidine"	"ite"	"sphere"
"analy"	"ize"	"spong"
"approx"	"lactam"	"stab"
"assay"	"lacton"	"stabil"
"ate"	"light"	"standard"
"balance"	"lump"	"stick"
"basic"	"mainly"	"sublim"
"basis"	"medium"	"sultam"
"bead"	"mesh"	"sulton"
"briquette"	"micron"	"synthetic"
"catal"	"ml"	"syrup"
"certif"	"mm "	"tablet"
"chip"	"moist"	"tech"
"chunk"	"morphous"	"tion"
"cm"	"mossy"	"titrant"
"coarse"	"natural"	"tone"
"contain"	"needle"	"typic"
"crucible"	"neutral"	"usp"
"cryst"	"nitrile"	"wire"
"deriv"	"pearl"	"with"
"dispers"	"pellet"	"xime"
"dry "	"piece"	"zone"
"dust"	"plate"	
"ed "	"poly"	
"electro"	"porous"	
"ester"	"powder"	
"ether"	"ppm"	
"fcc"	"pract"	
"fine"	"predomina"	
"flake"	"predominantly"	
"foil"	"protected"	
"for "	"puratronic"	
"from"	"pure"	
"glacial"	"purity"	
	"purum"	

FIG. 5C



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**Table 4.**

ether  
sulfide  
disulfide  
trisulfide  
tetrasulfide  
pentasulfide  
hexasulfide  
selenide  
diselenide  
triselenide  
telluride  
sulfone  
disulfone  
trisulfone  
sulfoxide  
disulfoxide  
trisulfoxide  
peroxide  
ketone  
diketone  
triketone  
tetraketone

**FIG. 5D**

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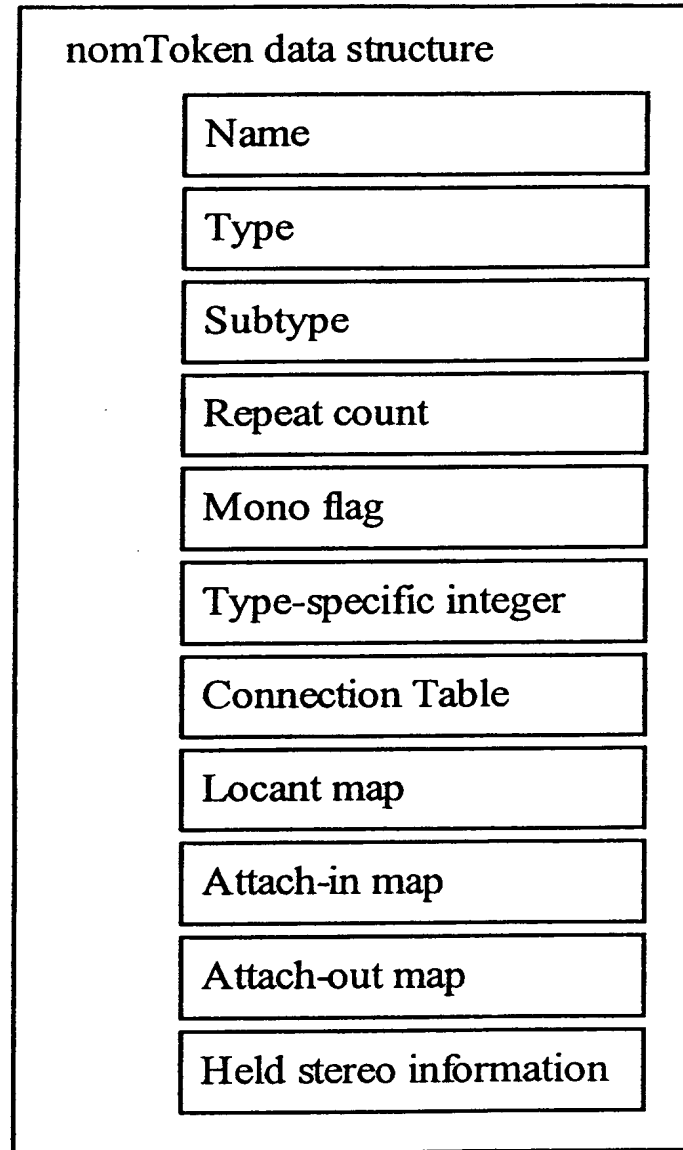


FIG .6

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CONNECTION  
TABLE

NAME	p	naphth	oxy	phenac	yl	bromide
TYPE	unknown	opfuser	infix	root	enderaminoacid	counterion
SUBTYPE	unknown	unknown	doublebondable	root	yl	ionable
PREV CHAR	'('	'a'	'a'	'a'	'a'	'

FIG. 7A

CONNECTION  
TABLE

NAME	p	naphth	oxy	phenac	yl	bromide
TYPE	unknown	opfuser	infix	root	suffix	counterion
SUBTYPE	unknown	unknown	doublebondable	root	yl	ionable
PREV CHAR	'('	'a'	'a'	'a'	'a'	'

FIG. 7B

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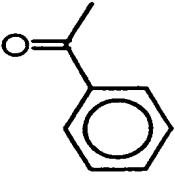
CONNECTION TABLE			
			
NAME	p	oxy	phenac
TYPE	unknown	infix	root
SUBTYPE	unknown	doublebondable	root
PREV CHAR	'('	'a'	'a'
			yl
			suffix
			ionable
			counterion
			bromide
			Br

FIG. 7C

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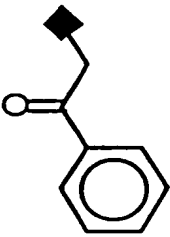

CONNECTION TABLE			
NAME TYPE SUBTYPE PREV CHAR	p unknown unknown '('		
NAME TYPE SUBTYPE PREV CHAR	naphth root unknown 'a'		
NAME TYPE SUBTYPE PREV CHAR	oxy infix doublebondable 'a'		
NAME TYPE SUBTYPE PREV CHAR	phenacyl root root 'a'		

FIG. 7D

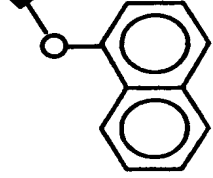
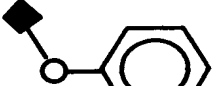
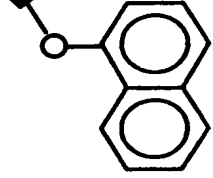
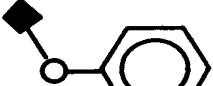
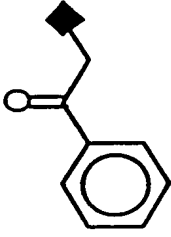

NAME TYPE SUBTYPE PREV CHAR	p unknown unknown '('		
NAME TYPE SUBTYPE PREV CHAR	naphthoxy root infix 'a'		
NAME TYPE SUBTYPE PREV CHAR	phenacyl root root 'a'		

FIG. 7E

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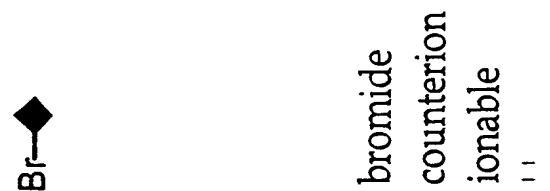


FIG. 7F

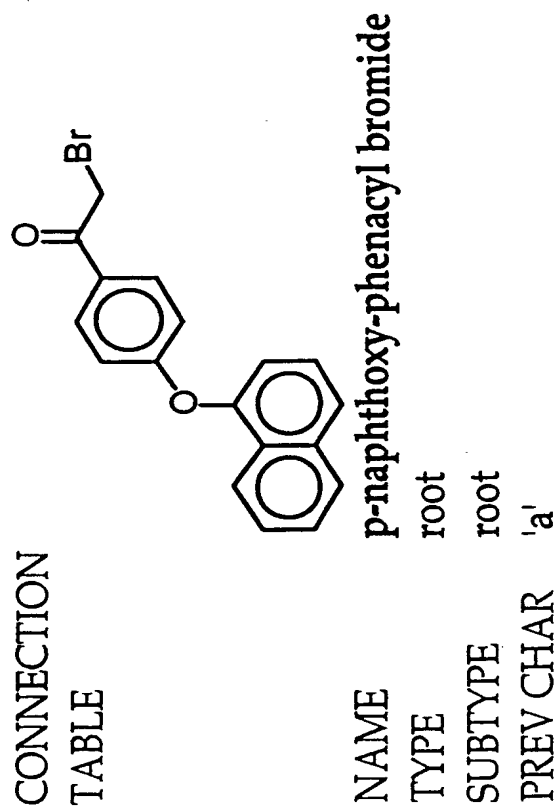
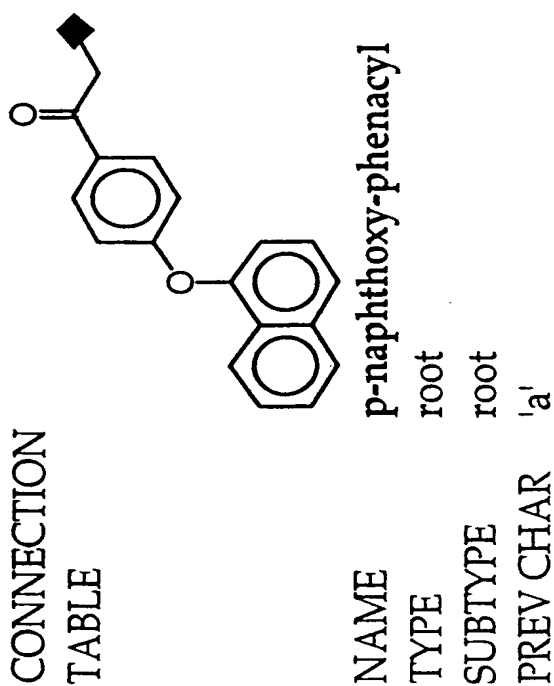


FIG. 7G